



## IL21 blocking peptide (CDBP5552)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the common-gamma chain family of cytokines with immunoregulatory activity. The encoded protein plays a role in both the innate and adaptive immune responses by inducing the differentiation, proliferation and activity of multiple target cells including macrophages, natural killer cells, B cells and cytotoxic T cells. Dysregulation of this gene plays a role in multiple immune-mediated diseases including lupus, psoriasis and chronic inflammatory diseases. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]
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<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL21 interleukin 21 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IL21
<b>Synonyms</b>	IL21; interleukin 21; Za11; IL-21; CVID11; interleukin-21; interleukin-21 isoform
<b>Entrez Gene ID</b>	<a href="#">59067</a>

<b>mRNA Refseq</b>	<a href="#">NM_001207006</a>
<b>Protein Refseq</b>	<a href="#">NP_001193935</a>
<b>UniProt ID</b>	Q9HBE4
<b>Pathway</b>	Cytokine-cytokine receptor interaction; Inflammatory bowel disease (IBD); Jak-STAT signaling pathway
<b>Function</b>	cytokine activity; cytokine receptor binding; interleukin-2 receptor binding